

ABSTRACT OF THE DISCLOSURE

The distance measuring device in accordance with the present invention comprises, light projecting means for projecting beam of light onto an object to be measured, light receiving means for receiving beam of light of the reflected light and outputting output signal therefrom, integration means for discharging or charging an integration capacitor corresponding to the output signal to integrate the output signal, AD conversion means for AD converting the voltage of the integration capacitor after predetermined number of repeat of the distance measuring routine, and detection means for detecting the distance to the object to be measured based on the AD converted conversion signal, wherein the number of repeat of the distance measuring routine is set saturating the integration capacitor through the repeat, when the object to be measured is at a short range alarm position.